



IAP3 Rec'd PST 23 DEC 2005

10/517275

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/517,275 Confirmation No: 9949
Applicant : Wei-Ping Min *et al.*
Filed : June 10, 2003
Docket No. : 4767-217 LAB
Customer No. : 24223
For : IMMUNOMODULATION USING ALTERED DENDRITIC CELLS

December 22, 2005

United States Patent and Trademark Office
Customer Service Window, **Mail Stop Missing Parts**
Randolph Building
401 Dulany Street
Alexandria, VA 22314

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Sirs:

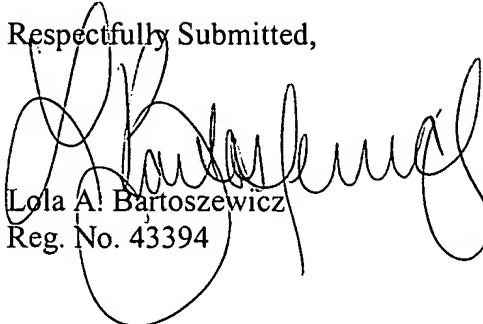
This is responsive to the "Notification of Defective Response" mailed 11/28/2005, in the above identified patent application.

Enclosed herewith please find the following:

- Preliminary Amendment and Response to Notification of Defective Response
- Submittal of Sequence Listing on Compact Disc Pursuant to 37 CFR § 1.52(e)(3)(ii)
- Compact Disc containing the Sequence Listing
- Paper Copy of the Sequence Listing
- Copy of the Patent Office Notice
- Post Card

It is asserted that the application is now in good order. We now await the issuance of an Office Action, in due course.

Respectfully Submitted,

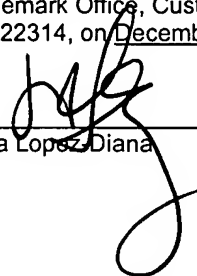


Lola A. Bartoszewicz
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being couriered to the United States Patent & Trademark Office by Federal Express in an envelope addressed to: United States Patent and Trademark Office, Customer Window, Mail Stop Missing Parts, Randolph Building, 401 Dulany Street, Alexandria, VA 22314, on December 22, 2005.



Monica Lopez-Diana



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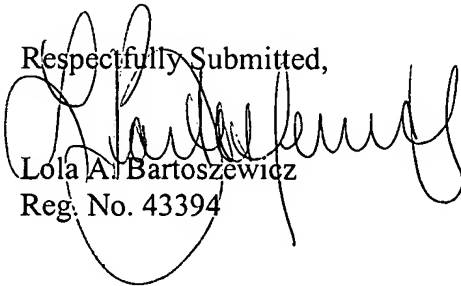
**SUBMITTAL OF SEQUENCE LISTING ON COMPACT DISC
PURSUANT TO 37 CFR § 1.52(e)(3)(ii)**

Sir:

This is responsive to the "Notification of Defective Response mailed 11/28/2005, in the above identified patent application.

Pursuant to 37 CFR § 1.52(e)(3)(ii), enclosed please find a compact disc containing the file name Amended Sequence Listing. The file is 41kb in size and was created December 22, 2005. The machine format is IBM-PC. The operating system compatibility is MS Windows XP.

Respectfully Submitted,


Lola A. Bartoszewicz
Reg. No. 43394

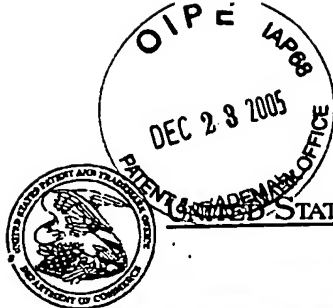
24223
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Monica Lopez-Diana



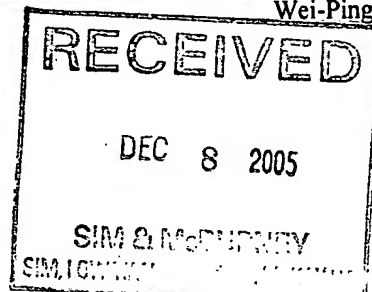
UNITED STATES PATENT AND TRADEMARK OFFICE

10/517275

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

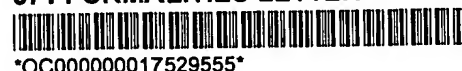
U.S. APPLICATION NUMBER NO. 10/517,275	FIRST NAMED APPLICANT Wei-Ping Min	ATTY. DOCKET NO. 4767-217 LAB
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INTERNATIONAL APPLICATION NO. PCT/CA03/00867	
I.A. FILING DATE 06/10/2003	PRIORITY DATE 06/10/2002

CONFIRMATION NO. 9949
 371 FORMALITIES LETTER



OC000000017529555

Date Mailed: 11/28/2005

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 12/09/2004
- Copy of the International Search Report filed on 12/09/2004
- Preliminary Amendments filed on 12/09/2004
- Biochemical Sequence Diskette filed on 08/01/2005
- Oath or Declaration filed on 08/01/2005
- Small Entity Statement filed on 12/09/2004
- Request for Immediate Examination filed on 12/09/2004
- U.S. Basic National Fees filed on 12/09/2004
- Priority Documents filed on 12/09/2004
- Power of Attorney filed on 08/01/2005

Applicant's response filed 08/01/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 06/02/2005 have not been completed.

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825 (d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821

(e) may be submitted in lieu of a new CRF.

- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c) Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application** and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/517,275	PCT/CA03/00867	4767-217 LAB

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/517-275A
PCT
9-2-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

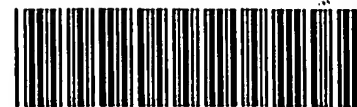
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Please mail this
notice with the missing
parts.



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/517,275A

DATE: 09/02/2005

TIME: 14:22:28

Input Set : D:\Sequence Listing.txt

Output Set: N:\CRF4\09012005\J517275A.raw

3 <110> APPLICANT: London Health Sciences Centre Research Inc.
 4 HILL, Jonathan A.
 5 MIN, Wei-Ping
 6 ICHIM, Thomas E.
 8 <120> TITLE OF INVENTION: Immunomodulation Using Altered Dendritic Cells
 10 <130> FILE REFERENCE: 4767-217 LAB
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/517,275A
 C--> 12 <141> CURRENT FILING DATE: 2004-12-09
 12 <150> PRIOR APPLICATION NUMBER: PCT/CA03/00867
 W--> 13 <151> PRIOR FILING DATE: 10/06/2003
 15 <160> NUMBER OF SEQ ID NOS: 7
 17 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
 Corrected Diskette Needed
 (Pg. 1)

ERRORED SEQUENCES

46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 21
 48 <212> TYPE: RNA
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: SiRNA sequence
 54 <400> SEQUENCE: 3
 E--> 55. aacggcaaa aggaggga c

← No "ts" 21
 are allowed in a RNA
 sequence. Pls
 use "U" instead
 of "t".

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/517,275A

DATE: 09/02/2005
TIME: 14:22:29

Input Set : D:\Sequence Listing.txt
Output Set: N:\CRF4\09012005\J517275A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7,15,17,20,22,27,33
Seq#:2; Line(s) 35,40,46
Seq#:3; Line(s) 48,53
Seq#:4; Line(s) 62,67,72
Seq#:5; Line(s) 74,79,85
Seq#:6; Line(s) 87,92,98
Seq#:7; Line(s) 100,105

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/517,275A

DATE: 09/02/2005

TIME: 14:22:29

Input Set : D:\Sequence Listing.txt

Output Set: N:\CRF4\09012005\J517275A.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:55 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3 ✓